(d) Certain reservations about Tetrapak were expressed initially. However, the proposal was subsequently cleared in 1979 after considering all aspects.

Biological Agents for Control of Pests

2188. DR. G. VIJAYA MOHAN REDDY: Will the Minister of AGRICULTURE be pleased to state:

(a) whether it is a fact that Government is totally committed to Biological methods of control of pests;

(b) whether it is a fact that many of Government units are producing biological agents and releasing these in the country and if so, the details thereof indicating name of unit, name of insect and numbers of released so far;

(c) whether these Biological agents *are* available to farmers as in Australia, U.K.; and

(d) whether institute of Commonwealth Bureau of Agriculture at Banglore also developed and released some insects and if so, the details thereof?

THE MINISTER OF STATE IN THE DEPARTMENT OF AGRICULTURE AND COOPERATION IN THE MINISTRY OF AGRICULTURE (SHRI SHYAM LAL YADAV): (a) Government encourages Biological control a^ one of the methods of pest control.

(b) Eleven Central Biological Control Stations have been set up in the country at Bangalore (Karnataka); Bhubaneswar (Orissa); Burdwan (West Bengal); Faridabad (Haryana); Gorakhpur (Uttar Pradesh); Hyderabad (Andhra Pradesh); Raipur (Madhya Pradesh); Solan (Himachal Pradesh); Sriganagar (Rajasthan): Sri-nagar (J&K) and Surat (Gujarat): with the obsectives of

identifying useful and effective parasites and predators, rearing them, —demonstrating the usefulness of biological control agents, and

releasing them to the farmers. They have so far released 1637.44 milions of bioligical control agents, details of which are given in the enclosed Statement . *(See* below).

(c) The Central Biological Control Stations are supplying bio-control agents to the farmers to the extent available.

(d) The Commonwealth Institute of Biological Control, Indian Station, Bangalore identified, introduced and developed mass-multiplication techni ques for exotic Biological control agents of in-sects pests in cotton, sugarcane,4 rice, maize, castor, gram, potato, apple, coconut and vegetable in India.

Statement

Biocontrol Agents handled by the Central Biological Control Stations along with the names of Crops and Pests

Crops/Weeds	Pests	Potential parasites, predators and phytophagous insects.
1	2	3 4
Sugarcane	Pyrilla	*Epiricania Tetrastichus*
	Borers	*Trichogramma* (*4* species)
	Scale insect	*Chtlocorls Pharoseymnus Sticho/otis*
Cotton	Bollworms	*Trichogramma* (3 species) *Bracon, Chelonus, Chrysopa*

1	2	3	4
Rice	Stem borers Leaf *folder* Leafhoppers & Plant hoppers	*Trichogramma* *Trichogramma* *Cyrtorhirius*	(3 species) (3 species) |
Maize	Stem borer	*Trichogramma*	(2 species)
Sorghum	Stem borer	*Trichogramma*	(2 species)
Castor	Cutworm	*Telenomus*	
Gram & Arhar	Pod borer	*Eucelatoria Chelonus Bracon* *Trichogzamma* Nuclear Polyhedrosis virus	(3 species)
Tomato	Fruit borer	*Eucelatoria Chelonus Bracon* *Trichogramma* Nuclear Polyhedrosis	(3 species) virus
Apple	San Jose Scale	*Encarsia* *Aphytis* *Chilocorls* *Aphelinus*	
	Wooly aphid Codling moth	*Trichogramma*	(2 species >
Coconut	Black headed caterpillar	*Bracon Elasmus* *Trichospilus* j *Parasie'ola*	
Water hyacinth		*Neochatiaa*	(2 species)
Salvinia	..	*Cyrtobaquos*	
Parthenium		*Zvgogramma*	

Use Of banned pesticides

2389. DR. G. VIJAYA MOHAN REDDY; Will the Minister of AGRICULTURE be pleased to refer to the answer to Unstarred Question 1168 given i» the Rajya Sabha on the 6th May, 1988 and state:

(a) whether it is a fact that Government have not approved 18 pesticides for use in the country and banned Toxophe and DBCp on account of toxicological reasons; and

(b) whether Government are aware that DDT, BHC banned abroad are being manufactured by HIL and if so, the reasons therefor?

THE MINISTER OF STATE IN THE DEPARTMENT OF AGRICULTURE AND COOPERATION IN THE MINISTRY OF AGRICULTURE (SHRI SHYAM LAL YADAV): (a) 18 pesticides have not been approved for registration. In the case of Toxophane and DBCP, the import of the technical material is not allowed and hence they cannot be formulated for use in the country. Registration for indigenous manufacture of technical grade of these two pesticides has also not been granted.

(b) Yes, Sir. The Government has decided to restrict the use of BHC to the present level. The recommendations of the Expert Committee constituted for examining the use in India